

Fig. 1

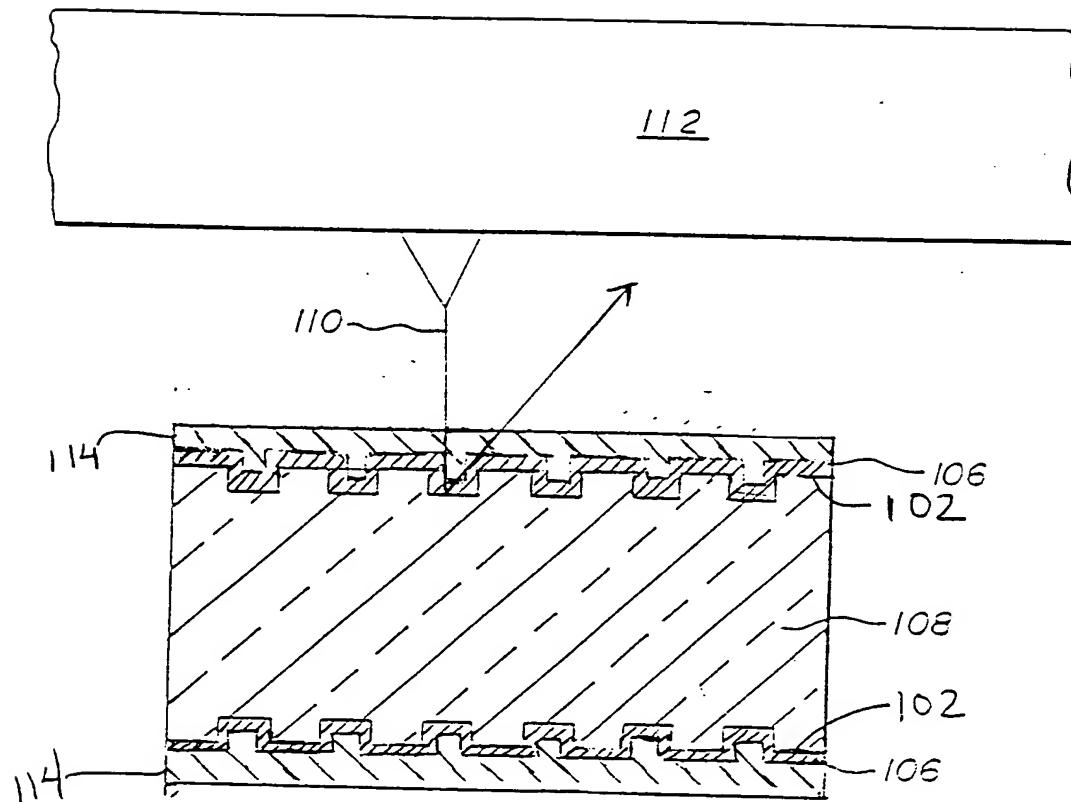
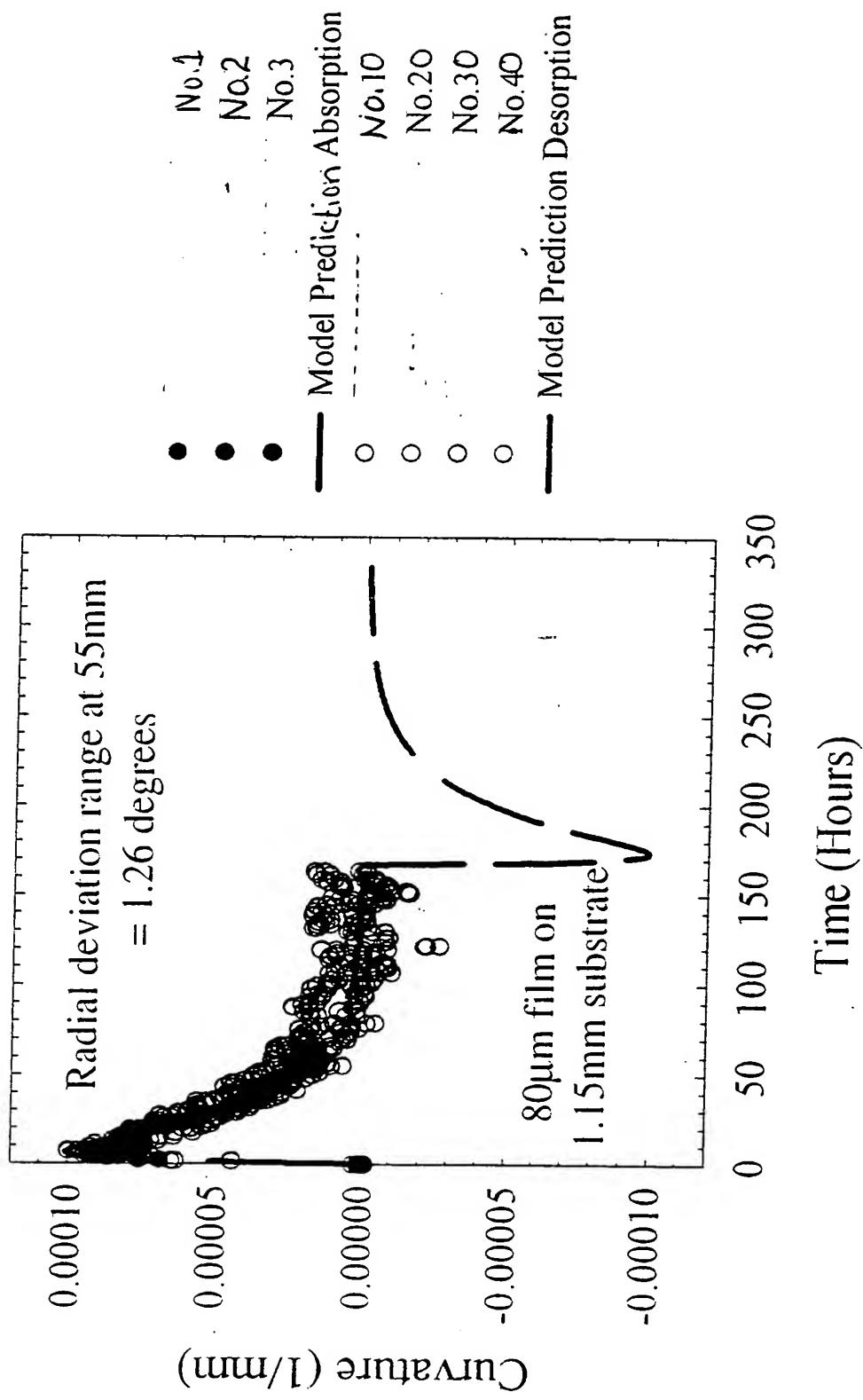


Fig. 2

Figure 3

25^oC and 50% rh - 25^oC and 90% rh - 25^oC and 50% rh



Radial Deviation (deg) = 360.Curvature.radius/ π

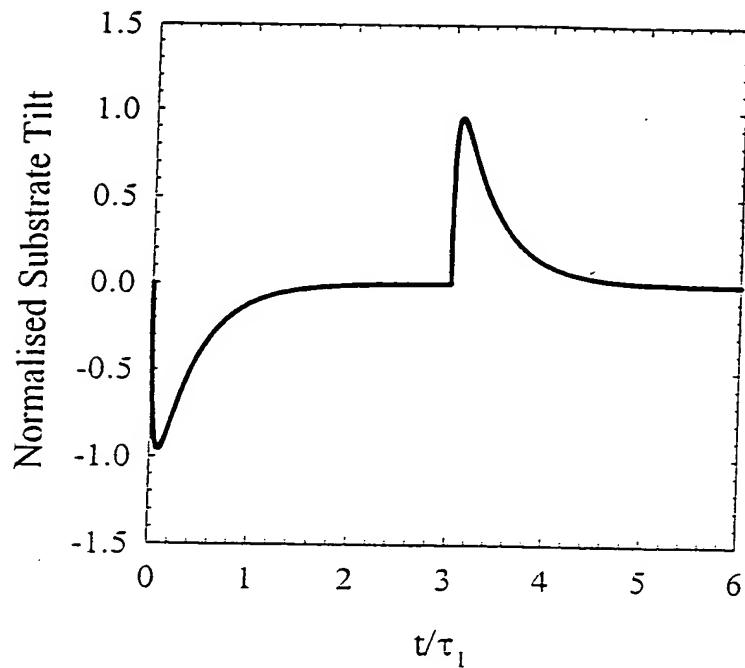


FIGURE 4

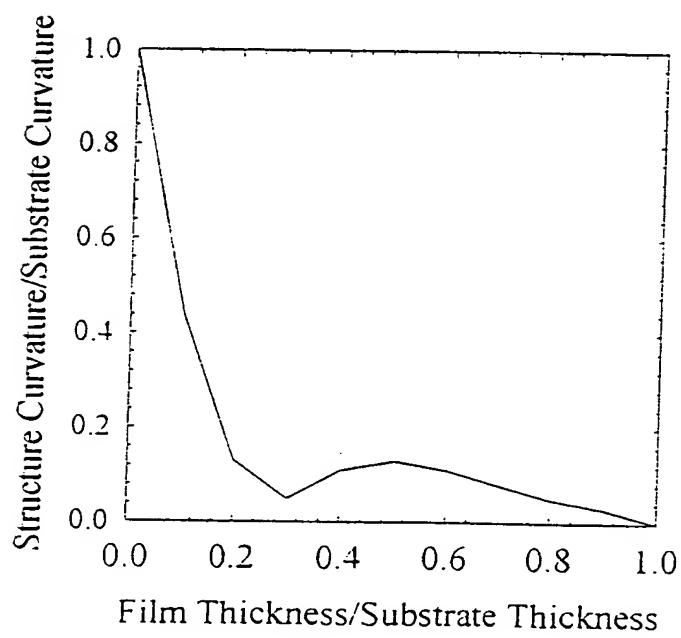


FIGURE 5

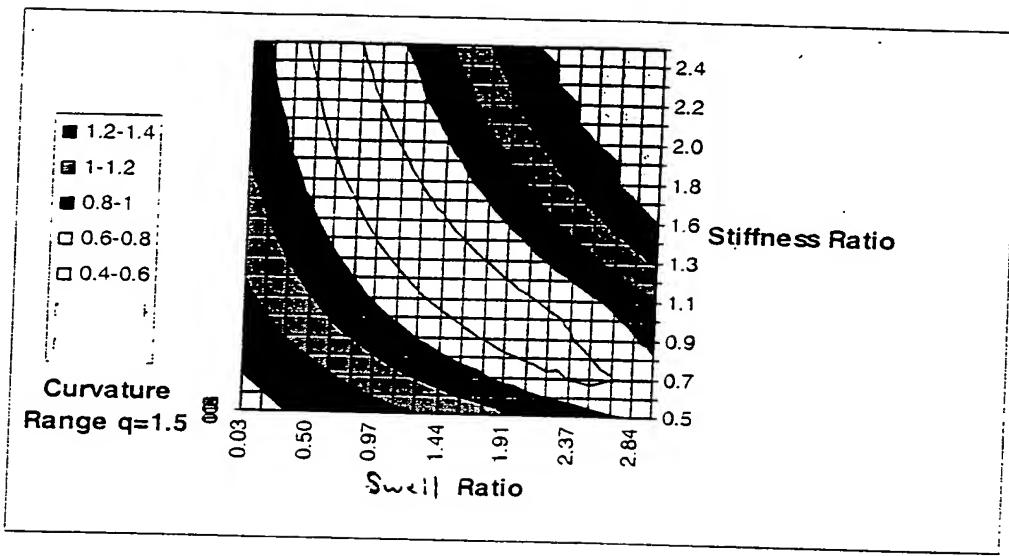


Figure 6. Curvature Ratio Contour Map at a diffusion ratio of 1.5.

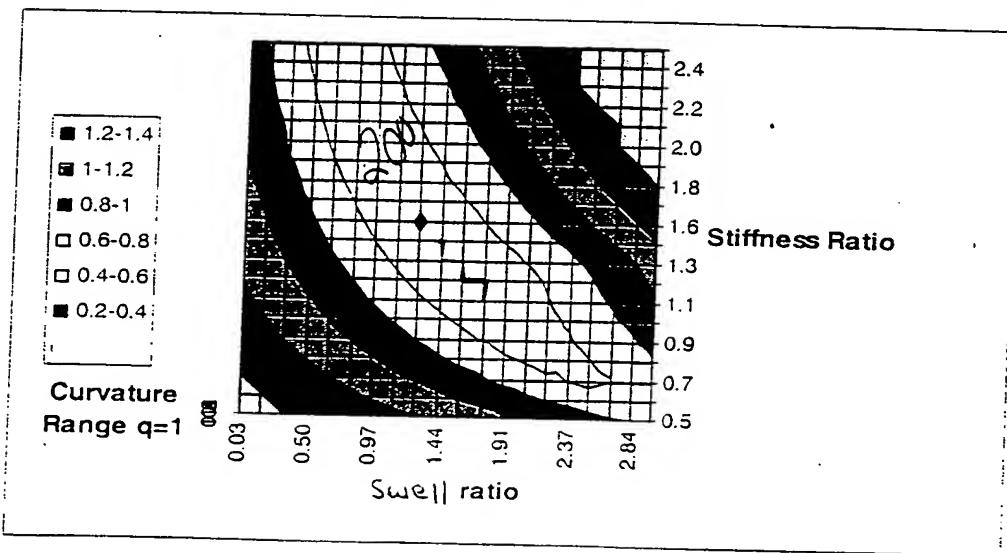


Figure 7. Curvature Ratio Contour Map at a diffusion ratio of 1.

Figure 8

Mismatched System - identical substrate

25°C and 50% rh - 25°C and 90% rh - 25°C and 50% rh

Film Ratios			
Thickness	ρ	ρ	0.070
Stiffness	γ	γ	1.3985496
Swell	δ	δ	1.9999845
Diffusivity	q	q	0.930049

